

## **ABSTRACT**

**[0056]** The present invention relates to an apparatus and method for measuring the amount of fuel in a vehicle using transmission lines. An apparatus for measuring the amount of fuel in a vehicle according to an embodiment of the invention comprises a pair of transmission lines provided within a fuel tank, a measuring unit for measuring reflective wave or capacitance voltage which varies in accordance with the depth of the fuel by generating high-frequency wave in the transmission line.